

BOP1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_056016.1

Catalog No. A302-149A GeneID 23246

Lot No. A302-149A-2

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to BOP1 immobilized on solid support.

The epitope recognized by A302-149A maps to a region between residue 350 and 400 of human block of proliferation 1 using the numbering given in entry NP_056016.1 (GeneID 23246).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunohistochemistry 1:200 to 1:1000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

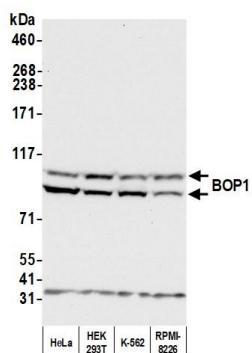
IHC HUMAN CONTROLS Colon Carcinoma, Prostate Carcinoma

IHC MOUSE CONTROLS Teratoma

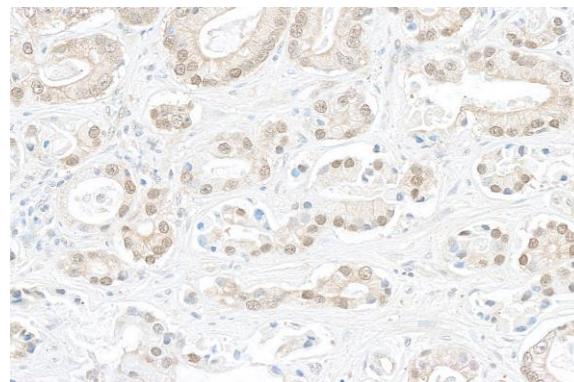
ADDITIONAL INFO <https://www.bethyl.com/product/A302-149A>

Use the link above to view SDS, a current list of citations, and other product specific information.
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: March 18, 2022



Detection of human BOP1 by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, K-562, and RPMI-8226 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-BOP1 antibody (A302-149A lot 2) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human BOP1 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-BOP1 (A302-149A Lot 2) used at a dilution of 1:200 (1 μ g/ml). *Detection:* DAB